Zelio Fusco

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1020477/publications.pdf

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21	615	623734	839539
papers	citations	14 h-index	18 g-index

21	21	21	963
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding the activity and stability of flame-made Co3O4 spinels: A route towards the scalable production of highly performing OER electrocatalysts. Chemical Engineering Journal, 2022, 429, 132180.	12.7	56
2	Investigation of the mechanisms of plasmon-mediated photocatalysis: synergistic contribution of near-field and charge transfer effects. Journal of Materials Chemistry C, 2022, 10, 7511-7524.	5.5	13
3	Understanding the Role of Vanadium Vacancies in BiVO₄ for Efficient Photoelectrochemical Water Oxidation. Chemistry of Materials, 2021, 33, 3553-3565.	6.7	54
4	Engineering Fractal Photonic Metamaterials by Stochastic Selfâ€Assembly of Nanoparticles. Advanced Photonics Research, 2021, 2, 2100020.	3.6	6
5	Nanostructured Î²â€Bi₂O₃ Fractals on Carbon Fibers for Highly Selective CO₂ Electroreduction to Formate. Advanced Functional Materials, 2020, 30, 1906478.	14.9	104
6	Photonic Fractal Metamaterials: A Metalâ€“Semiconductor Platform with Enhanced Volatileâ€Compound Sensing Performance. Advanced Materials, 2020, 32, e2002471.	21.0	27
7	Hierarchical Metalâ€Organic Framework Films with Controllable Meso/Macroporosity. Advanced Science, 2020, 7, 2002368.	11.2	32
8	Self-assembly of noble metal-free grapheneâ€“copper plasmonic metasurfaces. Journal of Materials Chemistry C, 2020, 8, 11896-11905.	5.5	12
9	Janus Conductive/Insulating Microporous Ion-Sieving Membranes for Stable Liâ€“S Batteries. ACS Nano, 2020, 14, 13852-13864.	14.6	74
10	Photonic Metamaterials: Photonic Fractal Metamaterials: A Metalâ€“Semiconductor Platform with Enhanced Volatileâ€Compound Sensing Performance (Adv. Mater. 50/2020). Advanced Materials, 2020, 32, 2070376.	21.0	2
11	Multifunctional nanostructures of Auâ€“Bi₂O₃ fractals for CO₂ reduction and optical sensing. Journal of Materials Chemistry A, 2020, 8, 11233-11245.	10.3	25
12	Non-Periodic Epsilon-Near-Zero Metamaterials at Visible Wavelengths for Efficient Non-Resonant Optical Sensing. Nano Letters, 2020, 20, 3970-3977.	9.1	30
13	High Performance Flame-Made Ultraporous ZnO-Based QCM Sensor For Acetaldehyde. , 2019, , .		5
14	Self-assembly of Au nano-islands with tuneable organized disorder for highly sensitive SERS. Journal of Materials Chemistry C, 2019, 7, 6308-6316.	5.5	47
15	Light-activated inorganic CsPbBr₂I perovskite for room-temperature self-powered chemical sensing. Physical Chemistry Chemical Physics, 2019, 21, 24187-24193.	2.8	23
16	Highâ€Temperature Largeâ€Scale Selfâ€Assembly of Highly Faceted Monocrystalline Au Metasurfaces. Advanced Functional Materials, 2019, 29, 1806387.	14.9	16
17	Highâ€Temperature Oneâ€Step Synthesis of Efficient Nanostructured Bismuth Vanadate Photoanodes for Water Oxidation. Energy Technology, 2019, 7, 1801052.	3.8	23
18	Nonresonant ENZ metamaterial at visible wavelength for superior refractive index matching sensing. , 2019, , .		0

#	Article	IF	Citations
19	Hybrid plasmonic-semiconducting fractal metamaterials for superior sensing of volatile compounds. , 2019, , .		0
20	Nanostructured Dielectric Fractals on Resonant Plasmonic Metasurfaces for Selective and Sensitive Optical Sensing of Volatile Compounds. Advanced Materials, 2018, 30, e1800931.	21.0	47
21	The effect of Î²-sheet breaker peptides on metal associated Amyloid-Î² peptide aggregation process. Biophysical Chemistry, 2017, 229, 110-114.	2.8	19